## Supplementary Table

**Table S1.** DoE matrix generated from the minimum, medium, and maximum points of temperature, time, and enzymatic concentration, with the soluble proteins content obtained ($n = 3$; mean ± SD).

| Treatment | Temperature (°C) | Time (min) | Enzyme Concentration (mg·g⁻¹) | Soluble Protein (mg·g⁻¹) |
|---|---|---|---|---|
| **1** | 20 | 30 | 30 | 22.16 ± 2.39 |
| **2** | 60 | 30 | 30 | 6.00 ± 2.32 |
| **3** | 20 | 180 | 30 | 25.14 ± 1.97 |
| **4** | 60 | 180 | 30 | - |
| **5** | 20 | 105 | 15 | 26.52 ± 3.66 |
| **6** | 60 | 105 | 15 | 6.49 ± 1.01 |
| **7** | 20 | 105 | 45 | 33.41 ± 5.20 |
| **8** | 60 | 105 | 45 | - |
| **9** | 40 | 30 | 15 | 19.51 ± 1.34 |
| **10** | 40 | 180 | 15 | 23.24 ± 2.95 |
| **11** | 40 | 30 | 45 | 14.22 ± 2.82 |
| **12** | 40 | 180 | 45 | 28.69 ± 1.90 |
| **13** | 40 | 105 | 30 | 32.40 ± 7.17 |